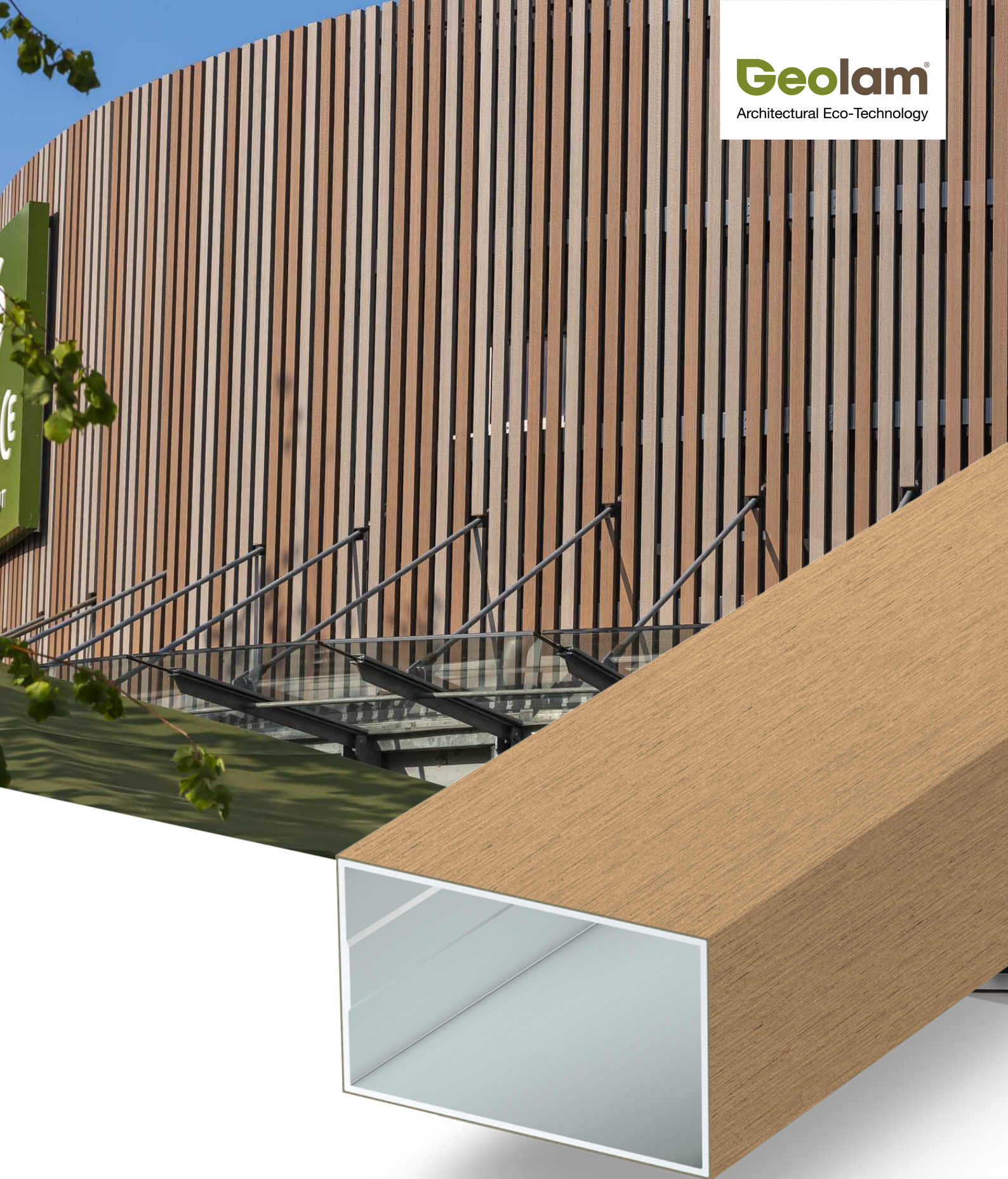




Soleo 6049



4 in x 2 ¹/₄ in or 100 mm x 60 mm

Technical datasheet

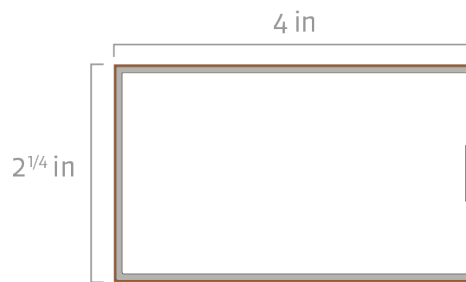


Soleo 6049

WHS: Wood hybrid system

Geolam®

Architectural Eco-Technology



Section tolerances in mm: +0.5 / -2.0 mm or +1/64 to -5/64 in

The outer wpc layer is sanded for aesthetic reasons and consists of peaks and valleys; the dimension provided is average thickness

Fire rating:

On request:

ASTM E-84 class A

Euroclass NF EN 135011 : B, s3-d0

Euroclass NF EN 135011 : A2, s3-d0

NFP 92 -507 : M2 or M1

Surfaces finish: Sanded

Other surface textures available on request. Sanding finish and/or shading may vary between runs. WPC thickness may vary in compliance with flame test requirements.

Profiles fastening and installation:

Check our website www.geolam.com

Technical information may change without warning.

Standard length: 9 ft 10 in | 3.0 m

On order any length from: 7 ft to 19 ft 8 in | 2.15 m to 6 m

Weight: 1.08 lb/ft | 1.61 kg/m

Secondary moment Ix (cm⁴): 1.61 kg/m

Secondary moment Iy (cm⁴): 32.23

Section modulus Z+x (cm³): 74.26

Section modulus Z-x (cm³): 10.96

Section modulus Z+y (cm³): 10.96

Section modulus Z-y (cm³): 14.73

Core in anodized aluminum alloy: A6063S-T5 Serie 6000

Coefficient of Thermal Expansion (20-100°C):

23.4 µm/m/°C

Modulus of Elasticity: 68.9 GPa

Max Tensile Strength: 186 Mpa

Norms and certificates:

WPC : 1.54 kg CO₂/Kg

Profile : 9.005 kg CO₂/Kg



Teak



Limba



Rosewood



Wenge



Bilinga



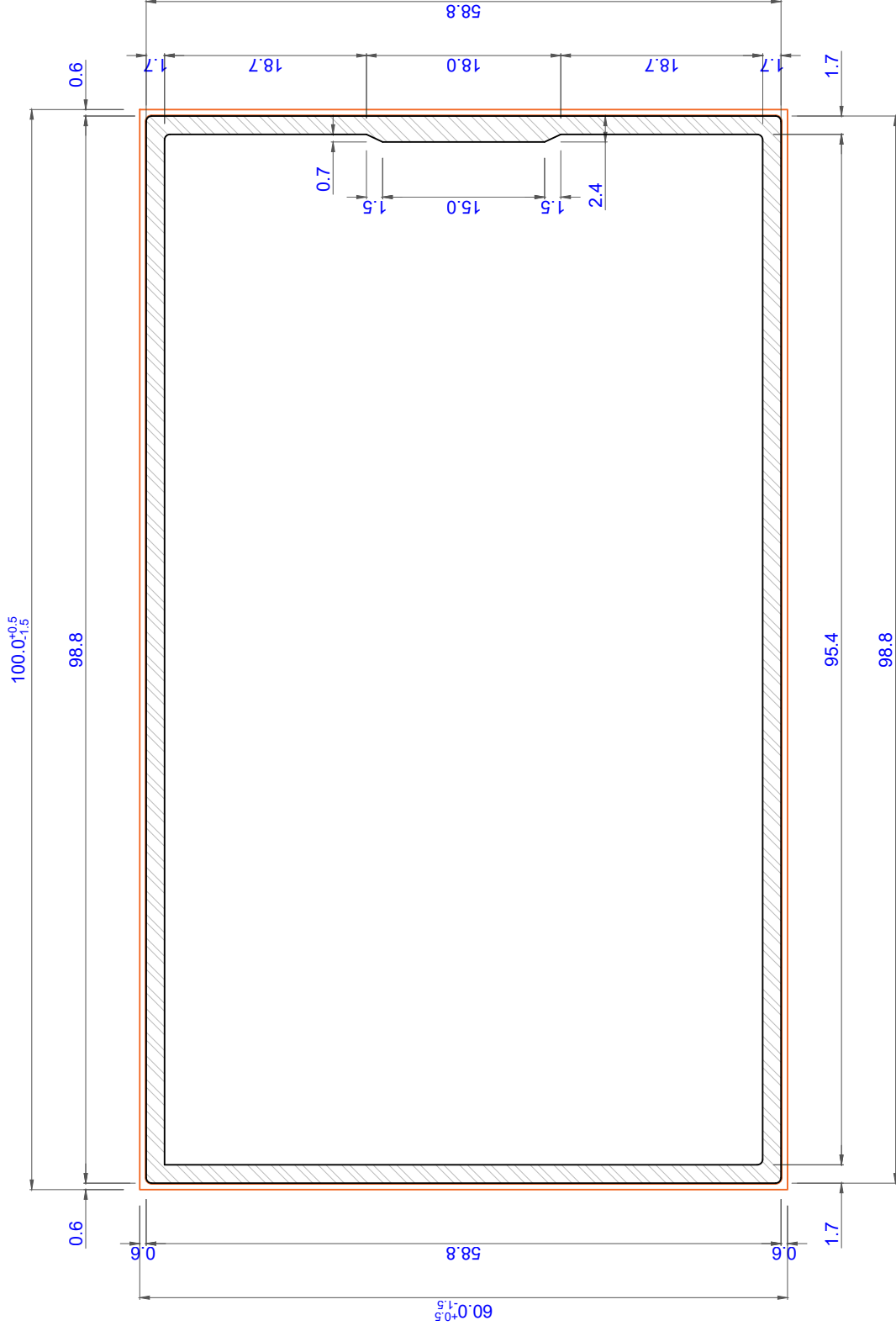
Carbon



Ivory



Any color on request



Technical specifications, dimensions in mm				Wood hybrid system WHS	Type 1.0
Weight (kg/ml)		1.61		10.96	Geolam® www.geolam.com
Cross section, secondary moment Ix (cm ⁴)		32.23		10.96	
Cross section, secondary moment Iy (cm ⁴)		74.26		14.73	
				15.35	



JRA Chukyo Race Courses in Aichi
Trim louver

Hippodrome de Chukyo à Aichi
Japan

2014

Soleo 6017

Rosewood